

LOCKHEED AIRCRAFT CORPORATION				ENGINEERING STUDY <input type="checkbox"/>				LAC - 129			
DATE 28 MAY 1962				AFFECTS: WSPO <input checked="" type="checkbox"/>				PROJECT <input checked="" type="checkbox"/>			
NAME OF MAJOR COMPONENT INSTRUMENT PANEL				PART OR LOWEST SUBASSEMBLY CIRCUIT BREAKERS				PART NO. & MODEL OR TYPE			
TITLE OF PROPOSAL : UPDATE COCKPIT CIRCUIT BREAKERS											
NATURE OF PROPOSAL : SEE PAGE 2											
REASON FOR PROPOSAL : SEE PAGE 2											
ES ESTIMATED COST AND TIME INVOLVED : ADDITIONAL FUNDING REQUIRED :											
CP ESTIMATED COST FOR KITS OR PARTS : SEE PAGE 2 ADDITIONAL FUNDING REQUIRED : SP-1922 (NONE)											
ITEMS AFFECTED BY PROPOSAL :											
SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input type="checkbox"/>	PERFORM- ANCE <input type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input type="checkbox"/>	TOOLS & SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTENANCE PROCEDURE <input type="checkbox"/>	SERVICE LIFE <input type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTENANCE MANUAL <input checked="" type="checkbox"/>	
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD											
SOURCE OF PARTS FOR KIT LAC						AVAILABILITY 4 WEEKS AFTER APPROVAL					
DISPOSITION OF SPARES AFFECTED M-500 TYPE CIRCUIT BREAKER NO LONGER USED											
INITIATED BY : APPROVED: <input checked="" type="checkbox"/> WSPO											
Approved For Release 2002/10/31 : CIA-RDP89B00980R000200180066-2											

NATURE OF PROPOSAL

1. Change the cockpit circuit breakers from the present M-500 to the MS-25244 type.
2. Prepare and issue a Service Bulletin and purchase the necessary number of circuit breakers (approx. 25/kit).

REASON FOR PROPOSAL

The MS-25244 breakers "Pop-Out" when tripped whereas the M-500 breakers "Pull-In" when tripped. The Contractor has been informed by the manufacturer that this project is the only one that uses circuit breakers that pull in when tripped. The tooling for this breaker is no longer able to produce parts satisfactorily. Therefore, new tooling, in the amount of will have to be paid and also the manufacturer states that the unit cost will increase. The MS-25244 circuit breaker is presently being installed in the new junction box in the Q-Bay at Phase II IRAN. Acceptance of this proposal would mean standardization of circuit breakers. The MS-25244 breakers are readily available and the unit cost is less than the present price of the M-500 type breaker (approx. \$2.95). To avoid cockpit confusion, each ship should have all breakers replaced at the same time.

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ESTIMATED COST FOR KITS OR PARTS

Customer #1	6 Kits @	
Customer #2	30 Kits @	

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